

REMARKS/ARGUMENTS

Claims 1 and 13 have been amended. Claims 2-5 and 14-17 remain unchanged, claim 2 has been canceled, and claims 6, 8-12, and 18 were previously canceled. Applicant respectfully submits that this application is now in condition for allowance. Such action at an early date is respectfully requested.

Claim Objections

For purposes of Examination, the claims were interpreted as “wherein said first inner and second inner races are secured to said shaft, and said first outer races and second outer races are secured to said housing.” Appropriate correction has been provided. Claim 7 and 19 were also objected to for dependency issues. Applicant would like to point out that the preliminary amendment filed on July 11, 2007, correctly amended the dependency issues as in regards to claim 7 and claim 19. Accordingly, no correction of claims 7 and 9 is being offered at this time.

35 U.S.C. § 103(a) Rejections

Claims 1, 2, 5, 13, 14, and 17 stand rejected under 35 U.S.C. 103(a) as being unpatentable over US Patent No. 5,237,228 (Fries) in view of US Patent No. 6,838,797 (Du). Claims 3 and 15 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Fries in view of Du and further in view of US Patent No. 6,023,113 (Otsuka). Claims 4 and 16 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Fries in view of Du and further in view of US Patent No. 6,930,430 (Shiga et al). Claims 7 and 19 stand

rejected under 35 U.S.C. 103(a) as being unpatentable over Fries in view of Du and US Patent No. 5,639,168 (Noguschi et al) and in further in view of US Patent No. 5,134,328 (Johnatakis et al), US Patent No. 6,495,941 (Nishimura), and US Patent No. 6,528,909 (Kan et al).

Independent claims 1 and 13 have been amended to generally recite that said first inner and second inner races are secured to said shaft, and said first outer races and second outer races are secured to said housing to restrict axial movement of each of said first inner race and said second inner race relative to the shaft and said first outer race and said second outer race relative to the housing. Support for these amendments can be found in paragraph 36 of the published application.

The references of record do not teach, suggest, or show that said first inner and second inner races are secured to said shaft, and said first outer races and second outer races are secured to said housing to restrict axial movement of each of said first inner race and said second inner race relative to the shaft and said first outer race and said second outer race relative to the housing and that the coefficients of thermal expansion of said housing assembly, said bearings, and said rotor are selected so that said rotor assembly will be retained in said preloaded position over a temperature range of about -40⁰ C to about 105⁰ C. Fries teaches “the cup portion ... surround[s] the [bearing] with some play.” Du does not teach that the “motor temperature should be designed below 140 degree C” as suggested by the Examiner. Du teaches at most that the “rated operating temperature

of the Injection Bonded N.I.B. *magnet* is typically in the range of 120 [degrees] C. (Col. 1, lines 10-13). Du only teaches a process of providing anisotropic and isotropic magnets in an *angular degree (not temperature degrees)* position relative to a flux ring. Accordingly, Du does not teach that the coefficients of thermal expansion of said housing assembly, said bearings, and said rotor are selected so that said rotor assembly will be retained in said preloaded position over a temperature range of about -40⁰ C to about 105⁰ C as required by the claimed invention.

Applicant submits that the arguments and amendments are sufficient to place the pending application in condition for allowance and respectfully requests a timely Notice of Allowance be issued for this matter. The Director is hereby authorized to charge any additional fees or any underpayments which may be required for the above-referenced application to Deposit Account No. 01-0265.

Respectfully submitted,

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